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INFORMATION PAPER

STATUS OF THE DEPARTMENT OF DEFENSE  
INSTALLATION RESTORATION PROGRAM

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FEBRUARY 1986

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE  
(ACQUISITION AND LOGISTICS)

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19. ABSTRACT (Continue on reverse if necessary and identify by block number) This report provides a summary of the Installation Restoration Program's (IRP) progress to date (30 September 1985). The IRP is divided into four phases: 1. Installation Assessment 2. Confirmation Studies, 3. Technology Development, and 4. Remedial Action. This report consists largely of a comprehensive listing of the installations and their status in each phase of the program				
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INFORMATION PAPER

STATUS OF THE DEPARTMENT OF DEFENSE  
INSTALLATION RESTORATION PROGRAM

Office of the Assistant Secretary of Defense  
(Acquisition and Logistics)  
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## INTRODUCTION

The purpose of the Installation Restoration Program in the Department of Defense (DoD) is to cleanup defective hazardous waste sites. Through this comprehensive program, hazardous waste sites on active, inactive or formerly-used DoD property are identified and evaluated for the risks they pose to public health and the environment. Those sites which pose a threat are then cleaned up through remedial actions which involve the application of cost-effective remedial engineering technologies.

DoD's Installation Restoration Program (IRP) is divided into four phases:

Phase I, Installation Assessment. In this phase, installation files are examined, current employees and key former employees are interviewed, and the terrain and facilities examined. All available information on past missions, current operations, waste generation and disposal, and the hydrology of the area are collected. When necessary, soil and water may also be sampled to determine if contaminants are present.

Phase II, Confirmation Studies. In this phase, which is similar to the remedial investigation of the EPA CERCLA process, a comprehensive survey is conducted to fully define the problem through environmental sampling and analyses. Data are developed to fill the identified information gaps identified during Phase I. Survey data from all technical areas are also interpreted and interrelated.

Phase III, Technology Development. In this phase, remedial technologies are identified or developed to resolve specific contamination problems at a given site.

Phase IV, Remedial Action. This phase includes design, construction, and operation of pollution abatement facilities as well as contamination removal and disposal actions. It may include construction of containment facilities or decontamination processes, and long-term monitoring systems.

### Relationship to Superfund

On December 11, 1980, Congress passed the Comprehensive Environmental Response, Compensation and Liability Act (commonly referred to as "Superfund" and more recently, "CERCLA"). The President provided direction for the execution of this national program through Executive Order 12316 on August 14, 1981. As part of this implementation strategy the Secretary of Defense was directed to conduct the following actions for DoD installations:

- o Response actions (i.e., removal and remedial actions),
- o Investigation, monitoring, survey, and testing, and
- o Planning studies for policy development to enforce the provisions of CERCLA for DoD facilities and vessels.

The DoD hazardous waste program has been routinely modified to incorporate relevant Environmental Protection Agency (EPA) policies. This has been ensured by a Memorandum of Understanding between DoD and EPA which was signed on August 12, 1983, and provides for consultation and oversight by EPA throughout the DoD cleanup process. Further, DoD policy was modified in June of 1985 to allow for early and continuous state involvement in cleanup activities at military installations.

### Progress To Date

Ninety percent of the Phase I Studies planned for military installations were completed by September 1985. As a result of these studies 2,949 sites were identified as "potential" hazardous waste sites. As of September 30, 1985 comprehensive surveys to confirm the magnitude of contamination were either underway or completed at 2,550 of these sites. Of the 1,010 sites for which confirmation studies have been completed, 549 do not present a threat to public health or the environment. However, long-term monitoring of these sites will continue and remedial action will be initiated should conditions dictate. The remaining 461 sites have been recommended for CERCLA response actions. Of these, 127 have been completed and 203 have actions underway which will lead to an appropriate remedial response.

Table I summarizes program progress to date. Following the summary table is a comprehensive listing of the program status, installation-by-installation. In general, the installations listed are the same as those which appeared in last year's report. However, the list has been updated to eliminate installations which were incorrectly included or to add installations which were inadvertently overlooked. Significant in the latter category are formerly-used DoD properties which were not included in the program until 1984. The listing is arranged by EPA region, and an index giving the location of state summaries is located at the end of the report.

TABLE I

QUANTITATIVE SUMMARY OF  
DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM  
AS OF 30 SEPTEMBER 1985

	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Air Force	1191	1073	30	127	10		176	12
Army	1160	945	463	303	113	3	120	110
Defense Logistics Agency	52	43	26	10	1		11	2
Navy	546	489	30	21			23	3
GRAND TOTAL:	2949	2550	549	461	124	3	330	127

EXPLANATORY NOTES

- R2 - Number of sites evaluated in Phase I which exhibit characteristics indicating the potential for contamination and were therefore recommended for Phase II confirmation studies.
- T - Total sites in a Phase.
- LTM - Number of sites evaluated in Phase II and found to contain contaminants but not presenting a hazard to people or the environment. These sites have been recommended for long-term monitoring or no action.
- R4 - Number of sites evaluated in Phase II and considered to present a hazard significant enough to warrant response action in accordance with the Comprehensive Environmental Response, Compensation and Liability Act. These sites have been recommended for cleanup actions.
- C - Total sites in a Phase which have been completed.

TABLE II

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
MASTER STATUS LISTING AS OF 30 SEPTEMBER 1985

	Phase I <u>R2</u>	PHASE II <u>T LTM R4</u>	Phase III <u>T C</u>	Phase IV <u>T C</u>
EPA Region: I				
Connecticut				
Air Force				
Bradley ANG				
Army				
Stratford Army Engine Plant	0			
Navy				
NSB New London	3	3		
	---	---	---	---
STATE TOTAL	3	3		
Maine				
Air Force				
Bangor ANG				
Loring	15	18		
Defense Logistics Agency				
DFSP Casco Bay	1	1	1	1
DFSP Searsport				
Navy				
NAS Brunswick	7	7		
	---	---	---	---
STATE TOTAL	23	26	1	1
Massachusetts				
Air Force				
AFP No. 28, Everett	2			



DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
MASTER STATUS LISTING AS OF 30 SEPTEMBER 1985

	Phase I <u>R2</u>	PHASE II <u>T</u> <u>LTM</u> <u>R4</u>			Phase III <u>T</u> <u>C</u>		Phase IV <u>T</u> <u>C</u>	
AFP No. 29, Lynn	2							
Barnes ANG								
Hanscom	9	13					5	
Otis ANG	6	7						
Westover	1	10						
Army								
AMMRC	0							
Ft. Devens	7	7	0	0				
Natick R&D Command	0							
Navy								
NIROP Bedford	---	---	---	---	---	---	---	---
STATE TOTAL	27	37	0				5	
New Hampshire								
Air Force								
New Boston	3							
Pease	8	19					1	
Defense Logistics Agency								
DFSP Newington	1	1		1			1	
Navy								
NSY Portsmouth	1	2						
STATE TOTAL	13	22		1			2	
Rhode Island								
Air Force								
Quonset Point								

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
MASTER STATUS LISTING AS OF 30 SEPTEMBER 1985

	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Defense Logistics Agency								
DFSP Melville								
Navy								
CBC Davisville	3	3						
NETC Newport	9	6	3	3			3	
	---	---	---	---	---	---	---	---
STATE TOTAL	12	9	3	3			3	
Vermont								
Air Force								
Burlington ANG	2	2						
Army								
Ethan Allen Firing Range	0							
	---	---	---	---	---	---	---	---
STATE TOTAL	2	2						
	---	---	---	---	---	---	---	---
REGION I TOTAL	80	99	3	5			11	
EPA Region: II								
New Jersey								
Air Force								
FAA Technical Center								
McGuire	11	14						
Army								
ERADCOM Flight Test Activity	0							
Ft. Dix	0	1	0	0				
Ft. Monmouth	0							

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I R2	PHASE II			Phase III		Phase IV	
		T	LTM	R4	T	C	T	C
Military Ocean Terminal, Bayonne	1							
Picatinny Arsenal	0							
Navy								
NAEC Lakehurst	16	16						
NAPC Trenton								
NWS Earle	4	11						
	----	----	----	----	----	----	----	----
STATE TOTAL	32	42						
New York								
Air Force								
AFP No. 38, Lewiston	3	4						
AFP No. 59, Johnson City	1	2						
Griffiss	5	11	2	9			6	
Hancock Field	4	4		4				
Niagara Falls ANG	9	13						
Plattsburg	5							
Schenectady ANG								
Stewart ANG	2	1						
Suffolk ANG								
Army								
Ft. Drum	4	7	6	1				
Ft. Hamilton	0							
Ft. Totten	0							
Ft. Wadsworth	0							
Seneca Army Depot	0							
Stewart Annex	0							
Watervliet Arsenal	0							
West Point Mil Res	0							
Defense Logistics Agency								
DFSP Verona								

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
MASTER STATUS LISTING AS OF 30 SEPTEMBER 1985

	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Navy								
NWIRP Calverton	---	---	---	---	---	---	---	---
STATE TOTAL	33	42	8	14			6	
Puerto Rico								
Air Force								
Muniz ANG								
Army								
Ft. Buchanan	0							
Navy								
NS Roosevelt Roads	16	16						
NSGA Sabana Seca	2	2						
SUPSHIP San Juan	0							
STATE TOTAL	18	18						
REGION II TOTALS	83	102	8	14			6	
A Region: III								
Delaware								
Air Force								
Dover	7	12	2				1	
Greater Wilmington ANG								
Army								
Pea Patch Island	0							
STATE TOTAL	7	12	2				1	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>	Phase IV <u>T    C</u>
District of Columbia						
Air Force						
Bolling	3					
Army						
Ft. McNair	0					
Walter Reed Army Medical Center	0					
Navy						
NRL, NRL Chesapeake Beach	0					
STATE TOTAL	3					
Maryland						
Air Force						
Andrews	14					
Glenn L. Martin ANG						
Army						
Aberdeen Proving Ground (Aberdeen Area)	0					
Aberdeen Proving Group (Edgewood Area)	18	32	27	0		
Blossom Pt. Field Test Fac	0					
Ft. Detrick	0					
Ft. Meade	2					
Gaithersburg Res Facility	0					
Harry Diamond Laboratory	0					
Phoenix Military Res	1	1	1	0		
Navy						
NAS Patuxent River	14	15		2		2
NOS Indian Head	3	3	2	1		1
NSWC White Oak	7	7				
STATE TOTAL	59	58	30	3		3

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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Pennsylvania								
Air Force								
Olmsted	6	5					2	
Pittsburgh IAP	5							
Willow Grove Air Reserve	7							
Army								
DFAE Carlisle	0							
Frankford Arsenal	4	4	0	4			4	4
Ft. Indiantown Gap	0							
Hays AAP	0							
Letterkenny Army Depot	41	46	0	9	1	1		
New Cumberland Army Depot	0							
Oakdale Support Center	0							
Scranton AAP	0							
Tobyhanna Army Depot	0							
Defense Logistics Agency								
DPSC Philadelphia								
Navy								
NADC Warminster	9	9	9	0				
NAS Willow Grove								
NSY Philadelphia	4	3						
SPCC Mechanicsburg	4	4						
	----	----	----	----	----	----	----	----
STATE TOTAL	80	71	9	13	1	1	6	4
Virginia								
Air Force								
Byrd ANG								
Langley	10	10	9				1	

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	Phase I	PHASE II			Phase III		Phase IV	
	R2	T	LTM	R4	T	C	T	C
Army								
Arlington Hall Station	0							
Cameron Station	0							
Ft. A.P. Hill	1	3	0	3			3	3
Ft. Belvoir	5	4	0	10			1	1
Ft. Eustis	0							
Ft. Lee	0							
Ft. Monroe	5	5	0	5				
Ft. Myer	0							
Ft. Pickett	0							
Ft. Story	0							
Radford AAP	0							
Vint Hill Farms Station	1	4	0	0				
Woodbridge Research Facility	0	2	1	1			1	1
Defense Logistics Agency								
DGSC Richmond	3	4	3	1	1		1	
Navy								
FCTC Dam Neck	4	4						
MCDEC Quantico	6	5						
NAB Little Creek	6	6						
NAS Oceana	6	6						
NB Norfolk (Sewell's Point)	6	5						
NRTF Driver	2	1						
NSC Cheatham Annex	20	20						
NSC Craney Island	5	6						
NSWC Dahlgren	7	5	3	2			2	
NSY Norfolk	9	7						
NWS Yorktown	15	15						
St. Julien's Creek Annex	0							
	----	----	----	----	----	----	----	----
STATE TOTAL	111	112	16	22	1		9	5
West Virginia								
Air Force								
Charleston ANG								
Martinsburg ANG								

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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Navy								
Allegany Ballistics Lab	6 ---	6 ---	---	---	---	---	---	---
STATE TOTAL	6 ---	6 ---	---	---	---	---	---	---
REGION III TOTAL	266	259	55	38	2	1	19	9

EPA Region: IV

Alabama

Air Force

Birmingham ANG  
Donnelly ANG  
Gunter  
Maxwell

0  
10            10

Army

Alabama AAP  
Anniston Army Depot  
Army Phosphate Dev Works  
Ft. McClellan  
Ft. Rucker  
U.S. Army Missile Cmd,  
Huntsville (Redstone  
Arsenal)

74            78    0    76            57    57  
11            11    0    9            2    2  
0  
3  
0  
76            76    72    4            4    4  
---            ---    ---    ---            ---    ---

STATE TOTAL            174            175    72    89            63    63

Florida

Air Force

Cape Canaveral  
Eglin  
Homestead

7            10  
22            25    6    8            9  
8            10            3



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	Phase I	PHASE II			Phase III		Phase IV	
	<u>R2</u>	<u>T</u>	<u>LTM</u>	<u>R4</u>	<u>T</u>	<u>C</u>	<u>T</u>	<u>C</u>
Jacksonville ANG								
MacDill	9	16	1	1			1	
Patrick	14	14						
Tyndall	4	11						
 Army								
ARRCOM Orlando Facility	0							
 Defense Logistics Agency								
DFSP Lynn Haven	2	2						
DFSP Tampa								
 Navy								
NAS Cecil Field	10	9						
NAS Jacksonville	11	21	1	7			7	
NAS Key West	6	8						
NAS Pensacola	7	4						
NAS Whiting Field	15							
NCSC Panama City	7	7						
NS Mayport								
NTC Orlando	5	5						
	----	----	----	----	----	----	----	----
 STATE TOTAL	127	142	8	16			20	
 Georgia								
 Air Force								
AFP No. 6, Marietta	10	12					8	
Dobbins	3	6						
Moody	4	6					1	
Robins	10	9			2		2	
Savannah ANG								
 Army								
Ft. Benning	0							
Ft. Gillem	44	22	22	0				
Ft. Gordon	0							
Ft. McPherson	0							

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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Ft. Stewart	0							
Hunter Army Airfield	0							
Navy								
MCLB Albany	6	8						
NSB Kings Bay	0							
STATE TOTAL	77	63	22		2		11	
Kentucky								
Air Force								
Standiford Field ANG								
Army								
Blue Grass Depot Activity	0	7	7	0				
Ft. Campbell	0							
Ft. Knox	0							
Lexington Depot Act	0	4	4	0				
Navy								
NOS Louisville								
STATE TOTAL		11	11					
Mississippi								
Air Force								
Columbus	13						1	
Gulfport/Biloxi ANG								
Jackson ANG								
Keesler	7	12						
Key Field ANG								

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	Phase I <u>R2</u>	PHASE II <u>T LTM R4</u>	Phase III <u>T C</u>	Phase IV <u>T C</u>
<b>Army</b>				
Mississippi AAP	0			
<b>Navy</b>				
CBC Gulfport	6	6		
STATE TOTAL	26	18		1
<b>North Carolina</b>				
<b>Air Force</b>				
Charlotte/Douglas ANG				
Pope	6			
Seymour-Johnson	5	9	9	5
<b>Army</b>				
Camp MacKall	0			
Ft. Bragg	0			
Military Ocean Terminal, Sunny Point	0			
Tarheel Army Missile Plant	0			
<b>Navy</b>				
MCAS Cherry Point	14	14		
MCB Camp Lejeune	22	22		
STATE TOTAL	47	45	9	5
<b>South Carolina</b>				
<b>Air Force</b>				
Charleston	18	23		
McEntire ANG	6	8		
Myrtle Beach	9	10	10	
Shaw	3	5	5	

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	Phase I R2	PHASE II T LTM R4			Phase III T C	Phase IV T C	
<b>Army</b>							
Charleston Army Depot	0						
Ft. Jackson	0						
<b>Defense Logistics Agency</b>							
DFSP Charleston	1	1		1		1	
DRMO Charleston	1	1		1		1	
<b>Navy</b>							
MCAS Beaufort							
MCRD Parris Island							
NSY Charleston	8	8	7	1		1	
NWS Charleston	5	7					
	---	---	---	---	---	---	---
STATE TOTAL	51	63	7	18		3	
<b>Tennessee</b>							
<b>Air Force</b>							
Arnold	12	17				2	
Knoxville ANG							
Memphis ANG							
Nashville ANG							
<b>Army</b>							
Holston AAP	1						
Milan AAP	9	9	8	1		1	1
Volunteer AAP	25	7	0	0			
<b>Defense Logistics Agency</b>							
DDMT Memphis	25	25	22	3		3	2

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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Navy								
NAS Memphis	5	6						
NWIRP Bristol	---	---	---	---	---	---	---	---
STATE TOTAL	77	64	30	4			6	3
	---	---	---	---	---	---	---	---
REGION IV TOTALS	579	581	150	136	2		109	66
EPA Region: V								
Illinois								
Air Force								
Capital ANG								
Chanute	6	6					1	
Greater Peoria ANG								
O'Hare Air Reserve	9	9						
Scott	7							
Army								
Ft. Sheridan	0							
Joliet AAP	25	17	0	3				
Rock Island Arsenal	0							
Savanna Army Depot Activity	31	32	30	2	2	2		
St. Louis Area Support Center	8	8	8	0				
Navy								
NTC Great Lakes	---	---	---	---	---	---	---	---
STATE TOTAL	86	72	38	5	2	2	1	

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	Phase I <u>R2</u>	PHASE II <u>T      LTM      R4</u>			Phase III <u>T      C</u>		Phase IV <u>T      C</u>	
Indiana								
Air Force								
Ft. Wayne ANG								
Grissom	7							
Hulman ANG								
Army								
Crane Army Ammunition Activity	0							
Ft. Benjamin Harrison	0							
Indiana AAP	11	11	6	5				
Jefferson Proving Ground, Madison	0							
Newport AAP	0							
Navy								
NWSC Crane	14	14		1			1	
STATE TOTAL	32	25	6	6			1	
Michigan								
Air Force								
Battle Creek ANG								
K.I. Sawyer	15							
Phelps Collins ANG	6				3			
Selfridge ANG	7	7						
Wurtsmith	11	4			1		5	
Army								
Detroit Arsenal	5	5	4	1				
Keweenaw Field Station	0							
Michigan Army Missile Plant	4	5	5	0				
Pontiac Storage Facility	0							
Tank-Aut Defense Command Support Act	0							
STATE TOTAL	48	21	9	1	4		5	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
<b>Minnesota</b>								
<b>Air Force</b>								
Duluth IAP	5	11						
Minneapolis/St. Paul IAP	2	5						
<b>Army</b>								
Twin Cities AAP	1	15	10	5	2		5	
<b>Navy</b>								
NIROP Minneapolis	3	3		1			1	1
	---	---	---	---	---	---	---	---
STATE TOTAL	11	34	10	6	2		6	1
<b>Ohio</b>								
<b>Air Force</b>								
AFP No. 36, Evandale	1							
AFP No. 85, Columbus	5	6					1	
Mansfield ANG								
Newark AFS	2							
Rickenbacker ANG								
Springfield-Beckley ANG								
Toledo ANG								
Wright Patterson	14	15					4	
Youngstown	4	4						
<b>Army</b>								
Lima Army Tank Center	0							
Ravenne AAP	0							
<b>Defense Logistics Agency</b>								
DCSC Columbus								
DESC Dayton								
DFSP Cincinnati								
DFSP Escanaba								
	---	---	---	---	---	---	---	---
STATE TOTAL	26	25					5	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Wisconsin								
Air Force								
General Mitchell Field	4	4						
Truax ANG					1			
Volk Field ANG	8							
Army								
Badger AAP	15	14	14	0				
Ft. McCoy	0							
	----	----	----	----	----	----	----	----
STATE TOTAL	27	18	14		1			
	----	----	----	----	----	----	----	----
REGION V TOTALS	230	195	77	18	9	2	18	1

EPA Region: VI

Arkansas

Air Force

Blytheville	9
Fort Smith ANG	
Little Rock	4

Army

Ft. Chaffee	0							
Pine Bluff Arsenal	37	37	27	10			10	10
	----	----	----	----	----	----	----	----

STATE TOTAL

50	37	27	10			10	10
----	----	----	----	--	--	----	----

Louisiana

Air Force

Barksdale	21			
England	6	7		7



DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
<b>Army</b>								
Ft. Polk	0							
Louisiana AAP	22	22	15	7			2	2
Pearson Ridge	0							
<b>Navy</b>								
NSA New Orleans	2	2						
	---	---	---	---	---	---	---	---
STATE TOTAL	51	31	15	14			2	2
<b>New Mexico</b>								
<b>Air Force</b>								
AFP No. 83, Albuquerque	5	5						
Cannon	4	16						
Holloman	1	8			2			
Kirtland	7	6						
<b>Army</b>								
Ft. Wingate Depot Act	6	12	12	0				
White Sands Missile Range	0							
	---	---	---	---	---	---	---	---
STATE TOTAL	23	47	12		2			
<b>Oklahoma</b>								
<b>Air Force</b>								
AFP No. 3, Tulsa	3	7	3					
Altus	3							
Tinker	9	13		2			3	
Tulsa ANG								
Vance	6	6						
Will Rogers ANG								

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Army								
Ft. Sill	0							
McAlester AAP	0							
	---	---	---	---	---	---	---	---
STATE TOTAL	21	26	3	2			3	
Texas								
Air Force								
AFP No. 4, Ft. Worth	19	20					7	
Bergstrom	10	10						
Brooks	8						1	
Carswell	9	12						
Dyess	5							
Ellington ANG								
Goodfellow	3							
Kelly	9	18		13	1		3	
Lackland	3							
Laughlin	7							
Randolph	4							
Reese	6	11					1	
Sheppard	4	4						
Army								
Camp Bullis	0							
Canyon Lake Recreation Area	0							
Corpus Christi Army Depot	0							
Ft. Bliss	0							
Ft. Hood	0							
Ft. Sam Houston	0							
Fuels and Lubricant Research Lab	0							
Lone Star AAP	16	19	14	3			3	3
Longhorn AAP	37	37	33	4				
Red River Army Depot	0							
Saginaw AAP	0							
Navy								
NAS Chase Field	4	4						

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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
NAS Corpus Christi	2	3						
NAS Dallas	0							
NAS Kingsville	6	7						
NWIRP Dallas	9	9						
NWIRP McGregor	7	7	5	2			2	
	----	----	----	----	----	----	----	----
STATE TOTAL	168	161	52	22	1		17	3
	----	----	----	----	----	----	----	----
REGIONAL VI TOTALS	313	302	109	48	3		32	15
EPA Region: VII								
Iowa								
Air Force								
Des Moines ANG	2	6						
Sioux City ANG								
Army								
Iowa AAP	22	9	0	2				
	----	----	----	----	----	----	----	----
STATE TOTAL	24	15		2				
Kansas								
Air Force								
Forbes ANG								
McConnell	12							
Army								
Ft. Leavenworth	0							
Ft. Riley	0							
Kansas AAP	0							
Sunflower AAP	12	12	0	0				

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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Defense Logistics Agency								
DIPEF Atchison	----	----	----	----	----	----	----	----
STATE TOTAL	24	12						
Missouri								
Air Force								
Lambert ANG								
Richards Gebaur	2	13						
Rosecraus ANG								
Whiteman	6	7						
Army								
Ft. Leonard Wood	0							
Gateway AAP	13	18	0	18			18	18
Lake City AAP	46							
St. Louis AAP	0							
St. Louis Ordnance Plant	18	18	18	0				
Weldon Spring Training Area	0							
STATE TOTAL	85	56	18	18			18	18
Nebraska								
Air Force								
Lincoln ANG								
Offutt	16							
Army								
Cornhusker AAP	121	77		108	108			
STATE TOTAL	137	77		108	108			
REGION VII TOTAL	270	160	18	128	108		18	18

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
EPA Region: VIII								
Colorado								
Air Force								
AFP PJKS, Littleton	6	11						
Buckley ANG	6	7						
Lowry	3	6					1	
Peterson	5							
USAF Academy	9							
Army								
Fitzsimmons Army Med Center	0							
Ft. Carson	0							
Pueblo Depot Activity	0							
Rocky Mountain Arsenal	294	88	0	8	---	---	8	---
STATE TOTAL	323	112		8			9	3
Montana								
Air Force								
Great Falls ANG								
Malmstrom	16	19						
Army								
Ft. Missoula	0							
STATE TOTAL	16	19						
North Dakota								
Air Force								
Grand Forks	3							
Hector ANG								
Minot	3	3						

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>	Phase III <u>T    C</u>	Phase IV <u>T    C</u>
Defense Logistics Agency				
DFSP Grand Forks	1 ---	---	---	---
STATE TOTAL	7	3		
South Dakota				
Air Force				
Ellsworth	16			
Joe Foss	---	---	---	---
STATE TOTAL	16			
Utah				
Air Force				
AFP No. 78, Corinne	4	7		
Hill	7	18		
Salt Lake City ANG				6    2
Army				
Blanding Launch Area	0			
Dugway Proving Ground	0			
Ft. Douglas	0			
Green River Test Site	0			
Tooele Army Depot	4	80    80	0	
Wig Mountain Area	0			
Defense Logistics Agency				
DDOU Ogden	3	3		
Navy				
NIROP Magna	1 ---	---	---	---
STATE TOTAL	19	108    80		6    2

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Wyoming								
Air Force								
Cheyenne ANG								
F. E. Warren	14						1	
	----	----	----	----	----	----	----	----
STATE TOTAL	14						1	
	----	----	----	----	----	----	----	----
REGION VIII TOTAL	395	242	80	8			16	5
EPA Region: IX								
Arizona								
Air Force								
AFP No. 44, Tuscon	11	7	3	3			6	
Davis Monthan	10	12						
Luke	1	5	3	2				
Phoenix ANG								
Tuscon ANG								
Williams	6	6					1	
Army								
Ft. Huachuca	0							
Navajo Depot Activity	8	13	13	0				
Yuma Proving Ground	0							
Navy								
MCAS Yuma	2							
	----	----	----	----	----	----	----	----
STATE TOTAL	38	43	19	5			7	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
MASTER STATUS LISTING AS OF 30 SEPTEMBER 1985

	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
<b>California</b>								
<b>Air Force</b>								
AFP No. 19, San Diego	0							
AFP No. 42, Palmdale	15	25						
AFP No. 70, Folsom								
Beale	6	19					2	
Castle	16	21						
Edwards	7	13		9			10	7
Fort MacArthur	0							
Fresno ANG								
George	13	18					1	
Los Angeles	2							
March	14	29						
Mather	9	20	1				1	
McClellan	30	33					9	2
Norton	12	14					1	
Sunnyvale	0							
Travis	7	14						
Vandenberg	17	33					1	
<b>Army</b>								
Camp Roberts	0							
East Ft. Baker	0							
Ft. Hunter Liggett	0							
Ft. Irwin, NTC	0							
Ft. MacArthur	0							
Ft. Ord	0							
Hamilton Army Air Field	4	4	0	0				
Oakland Army Base	0							
Parks Reserve Forces Training Area	0							
Presidio of Monterey	0							
Presidio of San Francisco	0							
Rio Vista Reserve Training Activity	0							
Riverbank AAP	10	10	0	0				
Sacramento Army Depot	13	13	0	3				
Sharpe Army Depot	14	11	0	0				
Sierra Army Depot	0							



DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>	Phase III <u>T    C</u>	Phase IV <u>T    C</u>
<b>Defense Logistics Agency</b>				
DDTC Tracy	2	2		
DFSP Estero Bay				
DFSP Norwalk	1			1
DFSP Ozol	1	1	1	1
DFSP San Pedro	8			
<b>Navy</b>				
CBC Port Hueneme				
MCAGCC Twentynine Palms				
MCAS El Toro				
MCAS Tustin	7	7	1	1
MCB Camp Pendleton	5			
MCLB Barstow	4	4		
NAB Coronado				
NAS Alameda	7	7		
NAS Lemoore	10	11		
NAS Miramar	5	5		1    1
NAS Moffett Field	8	10		
NAS North Island	4	4		
NIROP Sunnyvale				
NS San Diego				
NS Treasure Island				
NSB San Diego				
NSY Hunter's Point	6	7		
NSY Long Beach	0			1    1
NSY Mare Island	6	6		
NTC San Diego				
NWC China Lake	14	13	1	1
NWS Concord	13	13		
NWS Seal Beach	9			
PMTC Point Mugu	10	10		
	----	----	----	----
STATE TOTAL	309	377    1    14		30    11
<b>Guam</b>				
<b>Air Force</b>				
Andersen	18	20		

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T LTM R4</u>	Phase III <u>T C</u>	Phase IV <u>T C</u>
<b>Navy</b>				
NAS Agana	5			
PWC Guam	2			
	----	-----	-----	-----
STATE TOTAL	25	20		
<b>Hawaii</b>				
<b>Air Force</b>				
Bellows	1			
Hickam	6	6		4
Hickam POL	11			
Kaena	0			
Kokee	0			
Punamano	0			
Wheeler	7	7		
<b>Army</b>				
Ft. Kamehameha	0			
Ft. Shafter	0			
Kapalama Mil Res	0			
Kilauea Mil Res	0			
Makua Mil Res	0			
Pohakula Training Area	0			
Schofield Barracks	0			
Tripler Army Medical Center	0			
<b>Navy</b>				
MCAS Kaneohe	1	1		
NAS Barbers Point	3	3		
NAVCAMS EASTPAC				
NAVMAG Lualualei	0			
Naval Base Pearl Harbor	3	3		
	----	-----	-----	-----
STATE TOTAL	32	20		4

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I R2	PHASE II T LTM R4			Phase III T C		Phase IV T C	
Nevada								
Air Force								
Nellis Reno ANG	5	6					1	
Army								
Hawthorne AAP	10	5	5	0				
Navy								
NAS Fallon	---	---	---	---	---	---	---	---
STATE TOTAL	15	11	5				1	
Wake Island								
Air Force								
Wake Island	12	---	---	---	---	---	---	---
STATE TOTAL	12	---	---	---	---	---	---	---
REGION IX TOTALS	431	471	25	19			42	11
EPA Region: X								
Alaska								
Air Force								
Anchorage ANG								
Aniak							1	1
Anvil Mountain							1	
Barter Island	5	5		5				
Bear Creek							1	
Bethel							1	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I	PHASE II			Phase III		Phase IV	
	<u>R2</u>	<u>T</u>	<u>LTM</u>	<u>R4</u>	<u>T</u>	<u>C</u>	<u>T</u>	<u>C</u>
Big Mountain							1	
Boswell Bay							1	
Campion	7						1	
Canyon Creek							1	
Cape Lisburne	6						1	
Cape Newenham	6						1	
Cape Romanzof	11						1	
Cape Sarichef							1	
Clear	7	5						
Cold Bay	2						1	
Driftwood Bay							1	
Duncan Canal							1	
Eilson	17	18		18				
Elmendorf	13	10		10			2	
Flaxman Island	1	1		1				
Fort Yukon	5						1	
Galena Airport	6						1	
Gold King Creek							1	
Granite Mountain							1	
Hoonah							1	
Indian Mountain	11						1	
Kalakaret Creek							1	
King Salmon	17						6	
Kotzebue	4						1	
Lonely	3	3		3				
Murphy Dome	7						1	
Nikolski							1	
North River							1	
Ocean Cape							1	
Oliktok	1	1		1				
Pedro Dome							1	
Point Barrow	0							
Point Lay	3	3		3				
Port Heiden							1	
Port Moller							1	
Shemya	9						8	
Smuggler Cove							1	
Sparrevohn	8						1	
Tatalina	11						1	
Tin City	8						1	
Unalakoleet							1	
Wainwright	0							
Yakatage							1	
Yakutat							1	

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
<b>Army</b>								
Ft. Greely	0							
Ft. Richardson	0							
Ft. Wainwright	0							
Gerstle River Test Site	0							
<b>Navy</b>								
NARL Point Barrow	0							
NAS Adak								
	----	----	----	----	----	----	----	----
STATE TOTAL	168	46		41			53	1
<b>Idaho</b>								
<b>Air Force</b>								
Boise	6							
Mountain Home	6	5		4				
	----	----	----	----	----	----	----	----
STATE TOTAL	12	5		4				
<b>Oregon</b>								
<b>Air Force</b>								
Kingsley Field	1	4						
Portland ANG								
<b>Army</b>								
Umatilla Depot Activity	20	20	20	0				
	----	----	----	----	----	----	----	----
STATE TOTAL	21	24	20					

DEPARTMENT OF DEFENSE INSTALLATION RESTORATION PROGRAM STATUS REPORT  
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	Phase I <u>R2</u>	PHASE II <u>T    LTM    R4</u>			Phase III <u>T    C</u>		Phase IV <u>T    C</u>	
Washington								
Air Force								
Boeing Field								
Fairchild	12	12						
McChord	34	29					4	
Army								
Ft. Lewis	0	3	1	1			1	1
Yakima Firing Range	0							
Defense Logistics Agency								
DPSP Mukilteo	2	2	1	1			1	
Navy								
NAS Whidbey Island	35							
NSB Bangor	12	12						
NSY Puget Sound	0							
NUWES Keyport	6	6						
	----	----	----	----	----	----	----	----
STATE TOTAL	101	64	2	2			6	1
	----	----	----	----	----	----	----	----
REGION X TOTALS	302	139	22	47			59	2
	----	----	----	----	----	----	----	----
rand Total:	2949	2550	549	461	124	3	330	127

EXPLANATORY NOTES

- R2 - Number of sites evaluated in Phase I which exhibit characteristics indicating the potential for contamination and were therefore recommended for Phase II confirmation studies.
- T - Total sites in a Phase.
- LTM - Number of sites evaluated in Phase II and found to contain contaminants but not presenting a hazard to people or the environment. These sites have been recommended for long-term monitoring or no action.
- R4 - Number of sites evaluated in Phase II and considered to present a hazard significant enough to warrant response action in accordance with the Comprehensive Environmental Response, Compensation and Liability Act. These sites have been recommended for cleanup actions.
- C - Total sites in a Phase which have been completed.

LIST OF ACRONYMS AND ABBREVIATIONS

AAP	Army Ammunition Plant
AFB	Air Force Base
AFP	Air Force Plant
AFR	Air Force Reserve
AFS	Air Force Station
AMMO	Ammunition
ANGB	Air National Guard Base
DFSP	Defense Fuel Support Point
DLA	Defense Logistics Agency
FAC	Facility
FCTC	Fleet Combat Training Center
Ft	Fort
IAP	International Airport
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCLB	Marine Corps Logistics Base
MCRD	Marine Corps Recruit Depot
NAB	Naval Amphibious Base
NAEC	Naval Air Engineering Center
NAF	Naval Air Facility
NARL	Naval Arctic Research Laboratory
NAS	Naval Air Station
NAV	Naval
NCBC	Naval Construction Battalion Center
NCS	Naval Communications Station
NDIV	Northern Division, Naval Facilities Engineering Command
NIROP	Naval Industrial Reserve Ordnance Plant
NOS	Naval Ordnance Station
NRMC	Naval Regional Medical Center
NRS	Naval Radio Station
NRTF	Naval Radio Transmitting Facility
NS	Naval Station
NSB	Naval Submarine Base
NSC	Naval Supply Center
NUSC	Naval Underwater Systems Center
NUWES	Naval Underwater Weapons Engineering Station
NYSD	Naval Shipyard
NWIRP	Naval Weapons Industrial Reserve Plant
NWS	Naval Weapons Station
R&D	Research and Development
SUB	Submarine
USAE WES	US Army Engineers Waterways Experiment Station
USMC	US Marine Corps



BREAKDOWN BY EPA REGION AND STATE OF DOD IR PROGRAM

EPA REGION I

Connecticut	=	3
Massachusetts	=	10
Maine	=	5
New Hampshire	=	4
Rhode Island	=	4
Vermont	=	2
		<u>28</u>

EPA REGION VI

Arkansas	=	5
Louisiana	=	6
New Mexico	=	6
Oklahoma	=	8
Texas	=	30
		<u>55</u>

EPA REGION II

New Jersey	=	10
New York	=	19
Puerto Rico	=	5
		<u>34</u>

EPA REGION VII

Iowa	=	3
Kansas	=	7
Missouri	=	10
Nebraska	=	3
		<u>23</u>

EPA REGION III

District of Columbia	=	4
Delaware	=	3
Maryland	=	13
Pennsylvania	=	17
Virginia	=	28
West Virginia	=	3
		<u>68</u>

EPA REGION VIII

Colorado	=	9
Montana	=	3
North Dakota	=	4
South Dakota	=	2
Utah	=	11
Wyoming	=	2
		<u>31</u>

EPA REGION IV

Alabama	=	10
Florida	=	18
Georgia	=	13
Kentucky	=	6
Mississippi	=	7
North Carolina	=	9
South Carolina	=	12
Tennessee	=	10
		<u>85</u>

EPA REGION IX

Arizona	=	10
California	=	62
Guam	=	3
Hawaii	=	20
Nevada	=	4
Wake Island	=	1
		<u>100</u>

EPA REGION V

Illinois	=	11
Indiana	=	9
Michigan	=	10
Minnesota	=	4
Ohio	=	15
Wisconsin	=	5
		<u>54</u>

EPA REGION X

Alaska	=	56
Idaho	=	2
Oregon	=	3
Washington	=	10
		<u>71</u>

Total Installations in IR Program = 549

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Arkansas . . . . .	17	New Mexico . . . . .	18
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Colorado . . . . .	22	North Carolina . . . . .	12
Connecticut . . . . .	1	North Dakota . . . . .	22
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Georgia . . . . .	10	Oregon . . . . .	30
Hawaii . . . . .	27	Pennsylvania . . . . .	7
Idaho . . . . .	30	Rhode Island . . . . .	2
Illinois . . . . .	14	South Carolina . . . . .	12
Indiana . . . . .	15	South Dakota . . . . .	23
Iowa . . . . .	20	Tennessee . . . . .	13
Kansas . . . . .	20	Texas . . . . .	19
Kentucky . . . . .	11	Utah . . . . .	23
Louisiana . . . . .	17	Vermont . . . . .	3
Maine . . . . .	1	Virginia . . . . .	7
Maryland . . . . .	6	Washington . . . . .	31
Massachusetts . . . . .	1	West Virginia . . . . .	8
Michigan . . . . .	15	Wisconsin . . . . .	17
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